



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 33]

नई दिल्ली, शनिवार, अगस्त 17, 1974 (श्रावण 26, 1896)

No. 33]

NEW DELHI, SATURDAY, AUGUST 17, 1974 (SRAVANA 26, 1896)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके ।

(Separate paging is given to this Part in order that it may be filed as a separate compilation).

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और सूचनाएं

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 17th August 1974

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

27th July 1974

1678/Cal/74. Bayer Aktiengesellschaft, Dyestuff Preparations.

1679/Cal/74. Societe D' Etudes De Machines Thermiques. Improvements in or relating to a method and means for pre-heating the intake air of a supercharged, low-compression ratio diesel engine when operating at low load.

1680/Cal/74. Westinghouse Brake and Signal Company Limited. Vehicle Speed Control Arrangement. (August 18, 1973).

1681/Cal/74. Girling Limited. Improvements in differential pressure operated servo boosters. (August 30, 1973).

1682/Cal/74. Sandoz Ltd. Improvements in or relating to organic compounds. (July 30, 1973).

1683/Cal/74. Fosco International Limited Tundishes. (July 30, 1973).

1684/Cal/74. TH. Goldschmidt AG. An aluminothermic reaction mixture on a copper oxide basis.

29th July 1974

1685/Cal 74. S. Hazarika. Reconditioning three cone used Rock Rollers Drill Bit.

197GI/74

1686/Cal/74. Dalmia Institute of Scientific & Industrial Research. Improved Refractory Nozzle.

1687/Cal/74. Subodh Kumar Mukherjee. Screen for Separating Particles According to Size.

1688/Cal/74. Girling Limited. Spring brake actuators. (September 4, 1973).

1689/Cal/74. Scapa-Porritt Limited. Paper machine clothing and a method for the production thereof. (July 28, 1973).

1690/Cal/74. Sandoz Ltd. Improvements in or relating to organic Compounds. (July 30, 1973).

1691/Cal/74. The Metal Box Company Limited. Web Feeding Apparatus. (August 8, 1973).

1692/Cal/74. Deutsche Gold-Und Silber-Scheideanstalt Vormals Rosler. Catalyst for the Oxidation of Ammonia.

30th July 1974

1693/Cal/74. Dorr- Oliver Incorporated. Rotary drum filter with cake discharge roll.

1694/Cal/74. Le Joint Francais. Pneumatic seal.

1695/Cal/74. Ishikawajima. Harima Jukogya Kabushiki Kaisha. Floating breakwaters.

1696/Cal/74. Kabel-Und Metallwerke Gutehoffnungshutte Aktiengesellschaft. Screened coaxial line.

1697/Cal/74. Rohm And Haas Company. Heterocyclic Ureas. (September 4, 1973).

1698/Cal/74. Morgardshammar Aktiebolag. Fack. Rolling stand prestressing system.

1699/Cal/74. Dr. Anand Sarup. Improvements in or relating to Wick Lamps.

- 1700/Cal/74. National Aeronautics and Space Administration. A panel for Selectively Absorbing Solar Thermal Energy and Method of producing said panel.

31st July 1974

- 1701/Cal/74. USS Engineers and Consultants, Inc. Refractory pouring tube.
- 1702/Cal/74. Cassella Farbwerke Mainkur Aktiengesellschaft. Process for the production of derivatives 1-Phenoxy-3-Aminopropen 2-OL. [Divisional date July 27, 1972].
- 1703/Cal/74. Cassella Farbwerke Mainkur Aktiengesellschaft. Process for the production of derivatives of 1-Phenoxy-3-Aminopropen — 2-ol. [Divisional date July 27, 1972].
- 1704/Cal/74. Cassella Farbwerke Mainkur Aktiengesellschaft. Process for the production of derivatives of 1-Phenoxy-3-Aminopropen — 2-ol. [Divisional date July 27, 1972].
- 1705/Cal/74. The English Card Clothing Company Limited. Improvements in or relating to Textile Carding. (July 31, 1973).
- 1706/Cal/74. Mobil Oil Corporation. Production of Aromatic Compounds.
- 1707/Cal/74. Mobil Oil Corporation. Conversion of Synthesis Gas to Gasoline.

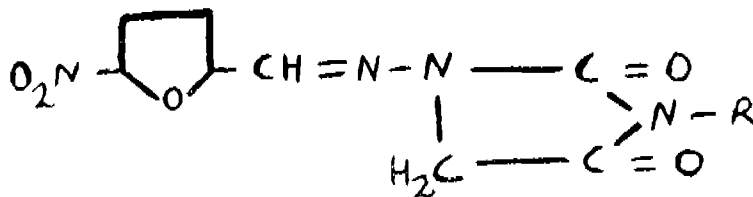
APPLICATION FOR PATENTS FILED AT THE
PATENT OFFICE (MADRAS BRANCH)

18th July 1974

- 123/MAS/74. Ramkrishna Balakrishna Menon. A manual Climbing Device.

19th July 1974

- 124/MAS/74. Eddy Gopalakrishna Rao. A Calculator.
ALTERATION OF DATE
136033. (861/Cal/74). Ante-date to April 15, 1972.
136034. (860/Cal/74). Ante-dated to April 15, 1972.



where R is an acetyl or hydroxymethyl radical which comprises reacting nitrofurantoin with formaldehyde or acetic anhydride, as appropriate, under the influence of heat.

CLASS 32F1+F2c. 107425.
PROCESS FOR THE PREPARATION OF L- AND D-CARNITINE CHLORIDE.

OTSUKA PHARMACEUTICAL CO. LTD., OF NO. 9, 2-CHOME, KANDA, TSUKASA-CHO, CHIYODA-KU, TOKYO, JAPAN.

Application No. 107425 filed October 10, 1966.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims—No drawings.

A process for preparing d- and l-carnitine chloride which comprises treating the diastereoisomer of carnitine

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F2b & 55E4. 80129.

IMPROVEMENTS IN OR RELATING TO THE
PREPARATION OF HYDANTIONS.

THE NORWICH PHARMACAL COMPANY, OF
NORWICH, STATE OF NEW YORK, U.S.A.

Application No. 80129 filed January 8, 1962.

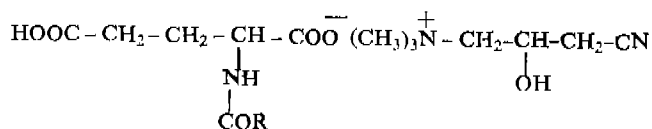
Convention date December 6, 1961 (43776/61) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A method of preparing a compound represented by the formula

nitrile salt having the following general formula



in which R is an alkyl group, wherein the said diastereomer is prepared by reacting carnitine nitrile hydroxide with N-acyl glutamic acid, and separating on the basis of the solubility difference in the polar solvents, l-carnitine nitrile N-acyl-d-glutamic acid complex which crystallizes out, d-carnitine nitrile N-acyl-d-glutamate complex remaining in mother liquor, the said crystals are separated and dissolved in water and treated with hydrochloric acid whereupon l-carnitine nitrile remains in solution and N-acyl-d-glutamic acid crystallizes out, the said solution containing l-carnitine nitrile chloride is concentrated and the crystals thus formed are hydrolysed with hydrochloric acid whereby l-carnitine chloride

is formed, and when the corresponding d-variety is required, the said mother liquor containing in solution d-carnitine nitrile-N-acyl-d-glutamate is treated with aqueous hydrochloric acid, and N-acyl-d-glutamic acid crystallizes out, the filtrate concentrated and further treated with hydrochloric acid, whereby d-carnitine chloride crystals are formed.

CLASS 32F3d. 108219.

PROCESS FOR THE CONVERSION OF A DL 13 β -ETHYL-17 β -HYDROXYGON-4-EN-3-ONE TO A D 13 β -ETHYL-17 β -HYDROXYGON-4-ONE-3; 17-DIONE.

AMERICAN HOME PRODUCTS CORPORATION, AT 685 THIRD AVENUE, NEW YORK, NEW YORK, 10017, U.S.A.

Application No. 108219 filed November 30, 1966.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A process for the conversion of a dl 13 β -ethyl-17 β -hydroxygon-4-en-3-one to a d 13 β -ethylgon-4-one-3, 17 dione comprising subjecting dl-13 β -ethyl-17-hydroxygon-4-en-3 one to the oxidizing activity of *Penicillium lilacinum* and separating out d-13 β -ethylgon-4-ene-3, 17-dione.

CLASS 39-P. 125410.

PREPARATION OF SURGICAL GRADE PLASTER OF PARIS.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 125410 filed February 23, 1970.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims—No drawings.

A process for the preparation of Surgical grade plaster of Paris by subjecting gypsum mineral to the following steps, namely :

- (i) washing with water to remove the extraneous adhering impurities on the lumps of mineral;
- (ii) crushing, grinding and sieving to get the desired fineness of 104 microns of the pulverised mineral;
- (iii) conversion to plaster of Paris characterised in that substandard mineral, containing 3.55 percent impurities, is used further characterised in that the pulverised mineral obtained asat (ii) above is subject to the following further steps prior to step (iii);
- (iv) conditioning the pulp of the substandard material in water of certain liquid-solid ratio (4 : 1) with a chemical such as a collector/frother, sodium oleate, in definite quantity (0.05 – 0.0125 percent) for a specific duration of 3 minutes for 2 kg and 10 minutes for 50 kg charge;
- (v) flotation of the material by means of aeration with compressed air at a specific pressure of 0.60 – 0.70 kg/cm² and collection of the floated material; and
- (vi) washing, dewatering, drying at specific temperatures (45–50°C), and pulverising to pass the requisite mesh of 10(150)

CLASS 32F2b.

125985.

A METHOD FOR PREPARING A 5'-O-ESTER OF *ARA*-CYTIDINE.

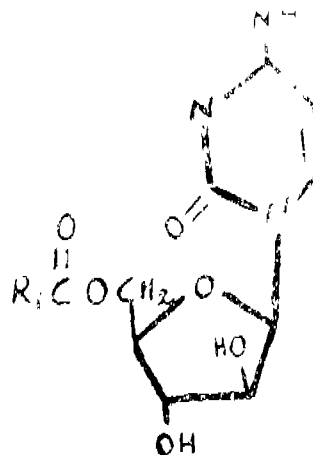
THE UPJOHN COMPANY, OF 301 HENRIETTA STREET, KALAMAZOO, MICHIGAN, U.S.A.

Application No. 125985 filed March 30, 1970.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

Process for preparation of 5'-esters of an *ara*-cytidine nucleoside compound of the general formula shown in Fig. 2.



wherein R₁ is a radical selected from the group consisting of an aliphatic of from 1 to 20 carbon atoms, aromatic of from 6 to 10 carbon atoms, a monocyclic aliphatic of from 4 to 10 carbon atoms, and araliphatic of from 7 to 12 carbon atoms or a monocyclic hetero-

cyclic of from 4 to 10 carbon atoms or wherein R₁ is the acyl radical of an aliphatic dicarboxylic acid of 3 to 8 carbon atoms; which comprises reacting an acylating agent of the group consisting of an acid chloride and an acid anhydride with a protonated form of said *ara*-cytidine nucleoside compound in an inert solvent.

CLASS 32F2b & 55E4.

128052.

A PROCESS OF PREPARING A COMPLEX OF INOSINE AND DIALKYLAMINOALKANOL.

NEWPORT PHARMACEUTICALS, INC., OF 1590 MONROVIA BOULEVARD, NEWPORT BEACH, CALIFORNIA, U.S.A.

Application No. 128052 filed August 17, 1970.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A process of preparing a complex of inosine with a dialkylaminoalkanol comprising either (a) mixing inosine with a dialkylaminoalkanol or salt thereof in a solvent, or (b) fusing a mixture of inosine and a dialkylaminoalkanol or salt thereof.

CLASS 32F2c & 55E4.

133894.

A PROCESS FOR MANUFACTURE OF CYSTINE FROM HAIR.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 133894 filed December 9, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims—No drawings.

A process for the manufacture of cystine from hair, which consists in hydrolysing hair with hydrochloric acid at 5 to 25 psi for 3 to 8 hours, neutralizing free acid present in cooled and filtered hydrolysate with sodium acetate, allowing the cystine to precipitate in cold for 24 to 48 hours, separating cystine precipitate by filtration and dissolving the precipitate in hot 5 to 10 per cent hydrochloric acid, decolourising the acidic solution by stirring with acid washed activated charcoal while boiling, the decolourized solution is filtered while hot and the clear hot filtrate is neutralized by adding sodium acetate, whereby pure cystine gets precipitated, the cystine precipitates are washed free from impurities by washing with hot water, from the filtrates, glacial acetic acid is recovered by fractional distillation.

CLASS 172-D₂+D₈.

134396.

MULTIPLE SPINDLE RING RAIL BEARING FRAME.

J. P. STEVENS & CO., INC. OF 1185 AVENUE OF THE AMERICAS, NEW YORK, N. Y., U.S.A.

Application No. 134396 filed January 25, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

In a multiple spindle ring rail bearing frame including motor, drives to individual spindles, thread guides, a ring rail with travellers on the rings, traversing means permitting the ring rail to assume successively higher and higher positions at a bobbin is wound, a full bobbin knock-off switch which is actuated when the bobbins on the spindles are fully wound and which actuates a mechanism which sequentially bears down the ring rail to a bottom position and stops spindle rotation, the imprisonment which comprises, in combination, a flat bar on top of the ring rail and movable for a short distance longitudinally thereof, the flat bar having a series of scallops with intervening projections, the arc of each scallop being less than a semicircle and being spaced so that in one position the arc of the scallops beyond its corresponding ring and does not interfere with winding, means for moving the bar longitudinally, bringing the projections between scallops opposite spindles, and the means for bearing down the ring rail on actuation of the knock-off switch, bearing the ring down to a position sufficiently below start of winding position so that the projections between scallops can slide under the bottoms of the wound bobbins, means for tilting the thread guides upwardly and for raising the ring rail, after the projections have been moved below the bottoms of the full bobbins, to a height sufficiently above the spindles to cause the full bobbins to fall off and be doffed, and means for bearing down the ring rail to the start winding position and returning the thread guides to normal winding position, and resetting switches, whereby the ring rail bearing frame is returned to the position for starting bobbin winding.

CLASS 17-D, 54 & 83A2.

134698.

A PROCESS FOR THE PREPARATION OF HOT BEVERAGE FROM DRIED ARECANUT.

MULLANKOCHI GOVINDA BHAT, FOREST VIEW FARMS, NETTANIGE VILLAGE AND POST, VIA MULLERIA, KASARAGOD TALUK, KERALA STATE AND GOPAL BHAT NOOJI, VITTAL MOODNORE VILLAGE AND POST, BANTWAL TALUK, SOUTH KANARA, MYSORE STATE.

Application No. 134698 filed February 22, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

4 Claims—No drawings.

A process for the preparation of a beverage from dried arecanut which comprises applying a thin coating of ghee to the nuts, frying without crushing, with sand and mixing with fried raw rice, grinding the mixture and adding boiling water, sugar and milk.

CLASS 33-D.

135177.

METHOD OF AND APPARATUS FOR TREATING LIQUID STEEL.

USS ENGINEERS AND CONSULTANTS, INC., AT 600 GRANT STREET, PITTSBURGH, STATE OF PENNSYLVANIA, U.S.A.

Application No. 135177 filed April 5, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A method of treating liquid steel in a tundish in preparation for teeming the steel into a continuous-casting mold, characterized by the steps of closing the tundish outlet with a slidable gate which has a porous plug aligned with the outlet; introducing liquid steel to the tundish; injecting inert gas to the steel in the tundish through said plug to agitate the steel while it is introduced until shortly before teeming is to begin; terminating inert gas injection within about 15 seconds of the time teeming is to begin; injecting oxygen-rich gas at a rate up to about 15 standard cubic feet per minute to the steel in the tundish through said plug for up to about 15 seconds immediately after termination of inert gas injection to superheat the steel in the region of the outlet and remove any skull which has formed; and immediately opening the gate and teeming the steel from the tundish at the conclusion of the step of injecting oxygen-rich gas.

CLASS 69-B.

135210.

A DEVICE ADAPTED TO DISCONNECT A LOAD FROM A POWER SUPPLY.

VARAHUR SRINIVASA SATYANARAYANA, OF 38C IRWIN ROAD, NEW DELHI, INDIA.

Application No. 135210 filed April 7, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A device adapted to disconnect a load from a power supply upon the presence of a leakage occurring in the body of the load comprising a rectifier connected between the neutral and earth lines a zener diode connected to said rectifier and a first energizing coil connected to said zener diode, a first switch for connecting the load to the power supply, said coil connected to the load through the zener diode and rectifier and such that when the leakage voltage in the load exceeds the break down voltage of the zener diode the coil is energized and the switch is actuated whereby the load is disconnected from said supply.

CLASS 32-D.

136024.

PREPARATION OF DIMETHYLTIN ESTERS.

CINCINNATI MILACRON CHEMICALS INC., OF READING, OHIO, U.S.A.

Application No. 1142/72 filed August 11, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims—No drawings.

A method for producing the dimethyltin bis (octylthioalkanoates) having two or three carbon atoms in the alkanoate group, the octyl radical being either isoctyl or 2-ethylhexyl, and containing not more than 0.5 wt.% of

the corresponding trimethyltin thioalkanoate as an impurity comprising :

(1) preparing dimethyltin dichloride having not more than 0.5 wt.% of trimethyltin chloride as impurity by adding stannic chloride to impure dimethyltin dichloride having more than 0.5 wt.% trimethyltin chloride as impurity, in an amount sufficient to react with the said trimethyltin chloride, and heating the resultant mixture until the amount of trimethyltin chloride present as impurity is not more than 0.5 wt.% and

(2) reacting the dimethyltin dichloride thus produced with the appropriate octyl thioalkanoate to produce the desired dimethyltin bis(octyl-thioalkanoate).

CLASS 128-A. 136025.

A PROCESS AND INSTALLATION FOR THE MANUFACTURE OF TAMPONS.

DR. CARL HARN GMBH., OF KAISERSWERTHER STRASSE 270, 4000 DUSSELDORF, WEST GERMANY.

Application No. 926/72 filed July 20, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A method of producing and packing tampons, more particularly for female hygiene, from fleece strip by producing rolled coils and then pressing the coils into tampons and packing the tampons, wherein at least one transfer means, which is used as a buffer for the fleece supplied between at least one coiling device and one pressing means and which automatically stops the coiling device and the pressing means when substantially completely filled with or completely emptied of coils, intermittently moves coils, produced from the fleece strip in the coiling device and checked for freedom from defects, forward over the coiling device and feeds them in gapless sequence to the intermittently operating pressing means, into which the coils are intermittently inserted during a deflection of the conveyor device and then pressed into tampons.

CLASS 26. 136026.

PROTECTIVE COVERS FOR BRUSHES, IN PARTICULAR FOR A TOOTH BRUSH.

ADAMALI ABDULHUSEN PARDIWALA, OF 26-28 SHAMSETH STREET (CHHIPI CHAWL), CITY OF BOMBAY, STATE OF MAHARASHTRA, INDIA.

Application No. 38/Bom/73 filed January 30, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims.

A protective cover for a brush, in particular for the bristle portion of a tooth brush, consisting of a U-shaped hollow member made of plastic or like resilient material, characterised in that the said member is completely covered on top and sides and is open at one end, the other end being completely closed thus forming the curved closed end of the said U-shaped member and, the bottom of the said member being either completely open or closed.

CLASS 116-B & 129-G. 136027.

HANDLING DEVICE FOR A DUMMY BLOCK AND A DISCARD IN A METAL EXTRUSION PRESS.

USE INDUSTRIES, LTD., OF 12-32, NISHIHON-MACHI, 1-CHOME, UBE-SHI, YAMAGUCHIKEN, JAPAN.

Application No. 2118/72 filed December 12, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A handling device for a metal extrusion press dummy block and discard, sheared off from the extruded portion characterized in that :

a discard holder which supports said discard and said dummy block thereon and lowers them;

a discard pusher which can longitudinally push the discard from said discard holder;

a discard depositing device which can swing the discard upwardly and outwardly;

a dummy block pushing apparatus which can push the dummy block horizontally and perpendicular from the axis of the discard pusher;

a stopper arranged opposite the discard pusher;

all of which are arranged in the area underneath the extruding area.

CLASS 32F2b. 136028.

PROCESS FOR THE PRODUCTION OF 2-(INDANYL-4'-AMINO)- Δ^2 -IMIDAZOLINE AND THE ACID ADDITION SALTS THEREOF.

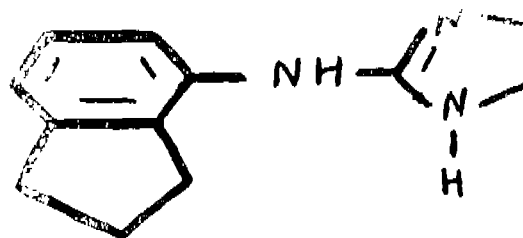
NORDMARK-WERKE GMBH., OR HAMBURG, WERKE. UETERSEN/HOLSTEIN/WEST GERMANY.

Application No. 832/72 filed July 11, 1972.

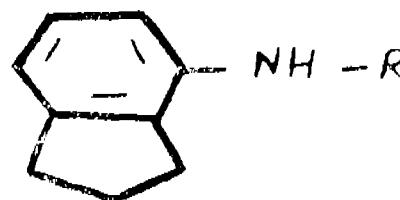
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim.

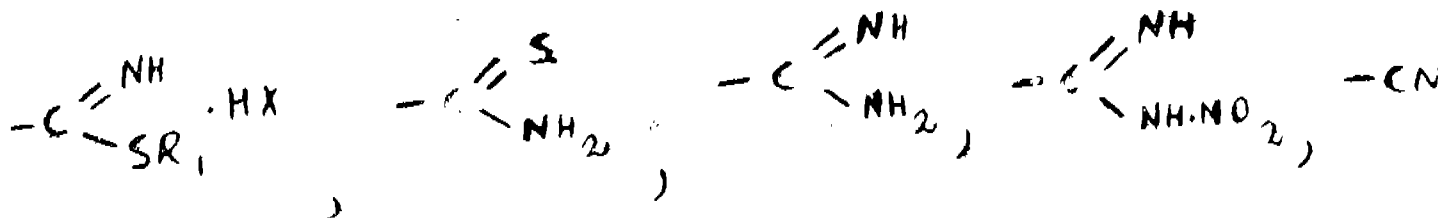
Process for the production of 2-(indanyl-4'-amino)- Δ^2 -imidazoline of the formula



and the acid addition salts thereof, comprising subjecting an indanyl-4-isothiuronium salt or the corresponding free base, an indanyl-4-thiourea, an indanyl-4-guanidine, an indanyl-4-nitroguanidine or an indanyl-cyanamide of formula



wherein R is one of the groups II (a), II (b), II (c), II (d) and II (e)



R_1 is a lower alkyl group and X is an acid anion to reaction with ethylene diamine, preferably in the form of a mono-salt thereof, and preferably converting the resulting free base into a salt thereof by reaction with a strong base or the free base into a salt thereof by reaction with an acid.

CLASS 10—A+F. 136029.

PROJECTILE AND CARTRIDGE ARRANGEMENT.

AAI CORPORATION, AT INDUSTRY LANE, COCKEYSVILLE, COUNTY OF BALTIMORE MARYLAND, 21230, U.S.A.

Application No. 1290/72 filed August 29, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

A projectile comprising a body having a sealed cavity for enclosing a charge of dispersable material, said body having a nose with a rupturable frontal wall and a forwardly protruding guard ring which effectively surroundings and aids in protection of the rupturable frontal wall against rupture of the frontal wall at low velocity inadvertant handling impact shocks, while enabling rupture of the frontal wall as a function of the projectile striking a target at high velocity resulting from firing a cartridge.

CLASS 159-M. 136030.

SIGNAL RECEIVING APPARATUS FOR A VEHICLE CONTROL SYSTEM.

WESTINGHOUSE ELECTRIC CORPORATION, OF PITTSBURGH, PENNSYLVANIA, U.S.A.

Application No. 27/72 filed April 24, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A signal receiving apparatus for a vehicle detection and control system operative with a conductive vehicle-track having a pair of conductive rails and a plurality of conductive shorting members connected between said rails at predetermined locations, wherein a section of track between and including two consecutive ones of said conductive members form a track-circuit-signalling-block, the apparatus characterized in that it comprises : a signal transmitting antenna located adjacent the first conductive member which forms one end of a given track-circuit-signalling-block for inducing into said rails a local signal to be sensed in an adjacent track-circuit-signalling-block; and antenna member for inducing a desired signal into said rails to be sensed for vehicle-detection in the given track-circuit-signalling-block; and a signal receiver, including being positioned on opposite sides and opposite ends respectively of the first conductive member, the first and second signal receiving antennas being aligned substantially parallel to each other and with respect to a reference plane, and being connected to each other in series such that the signals induced into said first and second signal receiving antennas by said local signal are either zero or are in a series opposing relationship, and the signals in-

duced into said first and second signal receiving antennas by said designed signal are in a series aiding relationship, whereby the first and second antennas connected in series are insensitive to the local signal and sense only the desired signal.

CLASS 116C & 141-A. 136031.

IMPROVED CHAIN LINK ASSEMBLY FOR GRATE CONVEYOR.

ALLIS-CHALMERS CORPORATION, OF 1126 SOUTH 70TH STREET, WEST ALLIS 14, WISCONSIN, U.S.A.

Application No. 1229/72 filed August 22, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A two-piece chain link assembly which is connectable by a pivot member to an adjacent chain link assembly to form part of a grate conveyor, wherein the two-piece chain link assembly comprises a chain link proper (as hereinbefore defined) having a yoke portion at one end and a neck portion at the opposite end, said yoke portion being adapted to be pivotally connected to the neck portion of a contiguous chain link proper, and a separate non-integral cover member pivotally mounted on a pivotal support in overlying relation to the chain link proper.

CLASS 48-C. 136032.

PROCESS FOR MANUFACTURING INSULATING MATERIAL.

VSESOJUZY NAUCHNO-ISSLEDOVATELSKY INSTITUT ELECTROMASCHINOSTROENIA, D-41, LENINGRAD, USSR.

Application No. 1827/72 filed November 6, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims—No drawings.

A process for manufacturing an electric insulating material obtained by glueing to each other, escapon glass varnish fabric and mica material, by means of a binding agent, characterized in that in the said escapon glass varnish fabric the varnish film is modified with organosilicon compounds taken in amount of 30 per cent of the base weight, while the binding agent used for cementing and impregnating the mica material consists of a mixture of liquid synthetic rubber, butylphenol-formaldehyde resin and mineral or vegetable oil, and is taken in amount from 5 to 30 per cent of the base weight.

CLASS 25—B+C+D & 48-C. 136033.

MULTILAYER CIRCUIT STRUCTURES AND METHOD OF MAKING THEM.

NL INDUSTRIES INC., OF 111 BROADWAY, NEW YORK, NEW YORK 10006, U.S.A.

Application No. 861/Cal/74 filed April 17, 1974.

Division of Application No. 135280 filed April 15, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A ceramic multilayer circuit structure comprising a sintered, unitary ceramic body with a plurality of regions of a dense, electrically insulating ceramic composition and at least one region of porous, ceramic material having a network of interconnected pores, the porous region extending to a region on an outer face of the body, and containing an electrically conducting material.

CLASS 25—B+C+D & 48—C. 136034.

SINTERED UNITARY CERAMIC BODIES AND METHOD OF MAKING THEM.

NL INDUSTRIES INC., OF 111 BROADWAY, NEW YORK, NEW YORK 10006, U.S.A.

Application No. 860/Cal/74 filed April 17, 1974.

Division of Application No. 135280 filed April 15, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims

A sintered, unitary, ceramic body comprising a plurality of regions of a dense, electrically insulating or dielectric ceramic composition and at least one region of porous ceramic material which is characterised by a network of interconnected pores, the porous region extending to a region on an outer face of the body.

OPPOSITION PROCEEDINGS.

(1)

A notice of opposition has been entered by American Home Products Corporation to the grant of a patent on application No. 86686 made by Beecham Research Laboratories Limited.

(2)

The opposition entered by Belpahar Refractories Limited to the grant of a patent on application No. 118613 made by Burn & Company Limited, as notified in Part III, Section 2 of the Gazette of India, dated the 19th June 1971 has been successful and the application for patent refused.

(3)

The opposition entered by Tata Iron & Steel Company Limited to the grant of a patent on application No. 118613 made by Burn & Company Limited, as notified in Part III, Section 2 of the Gazette of India dated the 12th September 1970 has been successful and the application for patent refused.

PATENTS SEALED

101087 114850 122097 127349 130877 131835 132163
132783 132976 133002 133047 133278 133365 133424
133427 133545 133598 133615 133630 133706 133901
133981 134967 135540 135544 135550 135551 135552
135554 135555 135567.

AMENDMENT PROCEEDINGS UNDER SECTION 57.

(1)

Notice is hereby given that Nippon Kokan Kabushiki Kaisha, 1-3, 1 Chome, Otemachi, Chiyoda-Ku, Tokyo, Japan, a corporation duly organised and existing under

the laws of Japan, have made an application under Section 57 of the Patents Act, 1970, for amendment of specification of their application for Patent No. 126095 for "Process of manufacturing low and medium carbon ferro alloy". The amendments are by way of correction of the description and claim 2 on file. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-700017 on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendments may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with notice of opposition, it shall be left within one month from the date of filing the said notice.

(2)

Notice is hereby given that Sandoz Ltd., of Lichtstrasse 35, Basle, Switzerland, a swiss body corporate, have made an application under Section 57 of the Patents Act, 1970 for amendment of application and specification of their application for Patent No. 129260 for "Azo compounds of low solubility process for their production and plastics pigmented therewith". The amendments are by way of explanation and correction, and by amendment of title and deletion of claims on file. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(3)

Notice is hereby given that Hindustan Lever Limited, a Company incorporated under the Indian Companies Act, 1913 and having the registered office at Hindustan Lever House, 165-66 Backbay Reclamation, Bombay-29, have made an application under Section 57 of the Patents Acts, 1970 for amendment of application and specification of their application for Patent No. 129348 for "Improvements relating to vegetable fat products". The amendments are by way of deletion of claims 7 and 8 from the specification and revision of the title of invention in the application and specification. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(4)

Notice is hereby given that Cabot Corporation, a Corporation organised under the laws of the State of Delaware, U.S.A., of 125 High Street, Boston, Massachusetts 02110, United States of America, have made an application under Section 57 of the Patents Act, 1970 for amendment of application and specification of their application for Patent No. 129436 for "Cobalt base alloy". The

amendments are by way of correction and disclaimer by replacing the claims on file by fresh set of claims and revision of the title of invention in the application and specification. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(5)

The amendments proposed by Gruppo Lepetit S.p.A. (formerly known as Lepetit S.p.A.) in respect of application No. 113555 as advertised in Part-III, Section 2 of the Gazette of India dated the 20th April 1974 have been allowed.

(6)

The amendments proposed by Farbenfabriken Bayer Aktiengesellschaft in respect of Patent Application No. 126168 as advertised in Part-III, Section 2 of the Gazette of India dated the 20th April 1974 have been allowed.

(7)

The amendments proposed by Imperial Chemical Industries Limited in respect of Patent Application No. 126783 as advertised in Part-III, Section 2 of the Gazette of India dated the 20th April 1974 have been allowed.

(8)

The amendments proposed by Shell Internationale Research Maatschappij N. V., in respect of Patent Application No. 128282 as advertised in Part-III, Section 2 of the Gazette of India dated the 20th April 1974 have been allowed.

(9)

The amendments proposed by Esso Research And Engineering Company, in respect of Patent Application No. 129127 as advertised in Part-III, Section 2 of the Gazette of India dated the 20th April 1974 have been allowed.

(10)

The amendments proposed by L. Givaudan & Cie Societe Anonyme, in respect of Patent Application No. 129172, as advertised in Part-III, Section 2 of the Gazette of India dated the 20th April 1974 have been allowed.

(11)

The amendments proposed by Stamicarbon N. V., in respect of Patent Application No. 129720 as advertised in Part-III, Section 2 of the Gazette of India dated the 20th April 1974 have been allowed.

(12)

The amendments proposed by Osterreichische Stickstoffwerke Aktiengesellschaft in respect of Patent application No. 129991 as advertised in Part-III, Section 2 of the

Gazette of India dated the 20th April 1974 have been allowed.

(13)

The amendments proposed by Amchem Products, Inc., in respect of Patent Application No. 130526 as advertised in Part-III, Section 2 of the Gazette of India dated the 20th April 1974 have been allowed.

(14)

The amendments proposed by the Upjohn Company in respect of Patent Application No. 133386 as advertised in Part-III, Section 2 of the Gazette of India dated the 20th April 1974 have been allowed.

(15)

The amendments proposed by Nippon Card Clothing Co. Ltd., in respect of Patent Application No. 134778 as advertised in Part-III, Section 2 of the Gazette of India dated the 20th April 1974 have been allowed.

PATENT DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patent is deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The date shown in the crescent brackets is the date of the patent.

No.	Title of the invention
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119543 (2-2-68)	Improvements in or relating to the refining of steels.
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RENEWAL FEES PAID

68731	68939	69193	72732	73069	73345	77950	77980
78382	78383	78419	78426	78734	79156	83424	83766
86254	86255	89298	89358	89359	89360	89426	89460
89476	89548	89628	89709	89855	93912	94625	94644
94796	95000	95007	95036	95187	95466	95508	96053
98919	99429	99430	100609	100636	100637	101094	
101271	101294	101339	101340	101341	101342	101343	
101690	102041	102611	105334	106426	106495	106560	
106661	106676	106698	106711	107065	107162	107163	
107164	107165	108426	108442	108916	109479	111005	
111300	111699	111712	111790	111794	111815	111823	
111902	112047	112049	112089	112184	112371	112522	
112523	112524	112525	112590	114413	116919	117047	
117093	117277	117303	117475	117788	117789	118000	
118084	120277	121486	121848	122368	122610	122630	
122632	122649	123001	124181	125381	126606	126892	
127619	127805	127879	127978	127983	128003	128017	
128142	128185	128341	128755	128902	128916	129103	
129111	129142	129186	129373	129465	129502	129503	
129606	130346	131206	131275	131489	131499	131524	
131551	131610	131628	131641	131644	131670	131682	
131697	131734	131737	131738	131739	131740	132029	
132045	132059	132060	132061	132062	132073	132080	
132102	132115	132117	132119	132222	132277	132378	
132543	132568	132569	132697	132832	133010	133143	
133167	133246	133253	133541	133878	134380	134541	
134755	135370	135377	135739	135380	135381	135382	
135383	135387						

CESSATION OF PATENTS

83639	83640	107863	107879	107881	107897	107915
107941	107951	107955	107968	107971	108008	108020
108094	108095	108140	108152	108174	108202	108224

108229 108230 108254 108278 108282 108305 108332
108333 108368 108369 108386 108432 108568 108541
108545 108583 108592 108614 108628 108652 108653
108671 108680 108694 108732 108813 108875 108878
108902 108924 108953 108988 108989 109007 109017
109018 109020 109031 109070 109071 109075 113946
122647

RESTORATION PROCEEDINGS

BP Chemicals (U.K.) Limited who made an application for the restoration of their Patent No. 113308 which was notified on the 27th July, 1974 have altered their name to BP Chemicals International Limited.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

— NIL —

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Design Nos. 132901 and 134678—Class—1.

Design Nos. 135851, 134676, 134677 & 136063—Class—3.

Design Nos. 135008 & 135294—Class—4.

COPYRIGHT EXTENDED FOR A THIRD PERIOD OF FIVE YEARS

Design Nos. 123676 & 123829 to 123837—Class 1.

Design No. 121651—Class—12.

S. VEDARAMAN,
Controller-General of Patents,
Designs and Trade Marks.

